

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094336.D
 Acq On : 11 Apr 2017 4:06
 Operator : SJ/MA
 Sample : I2601-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-61-S1(0-2)

Quant Time: Apr 11 05:29:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

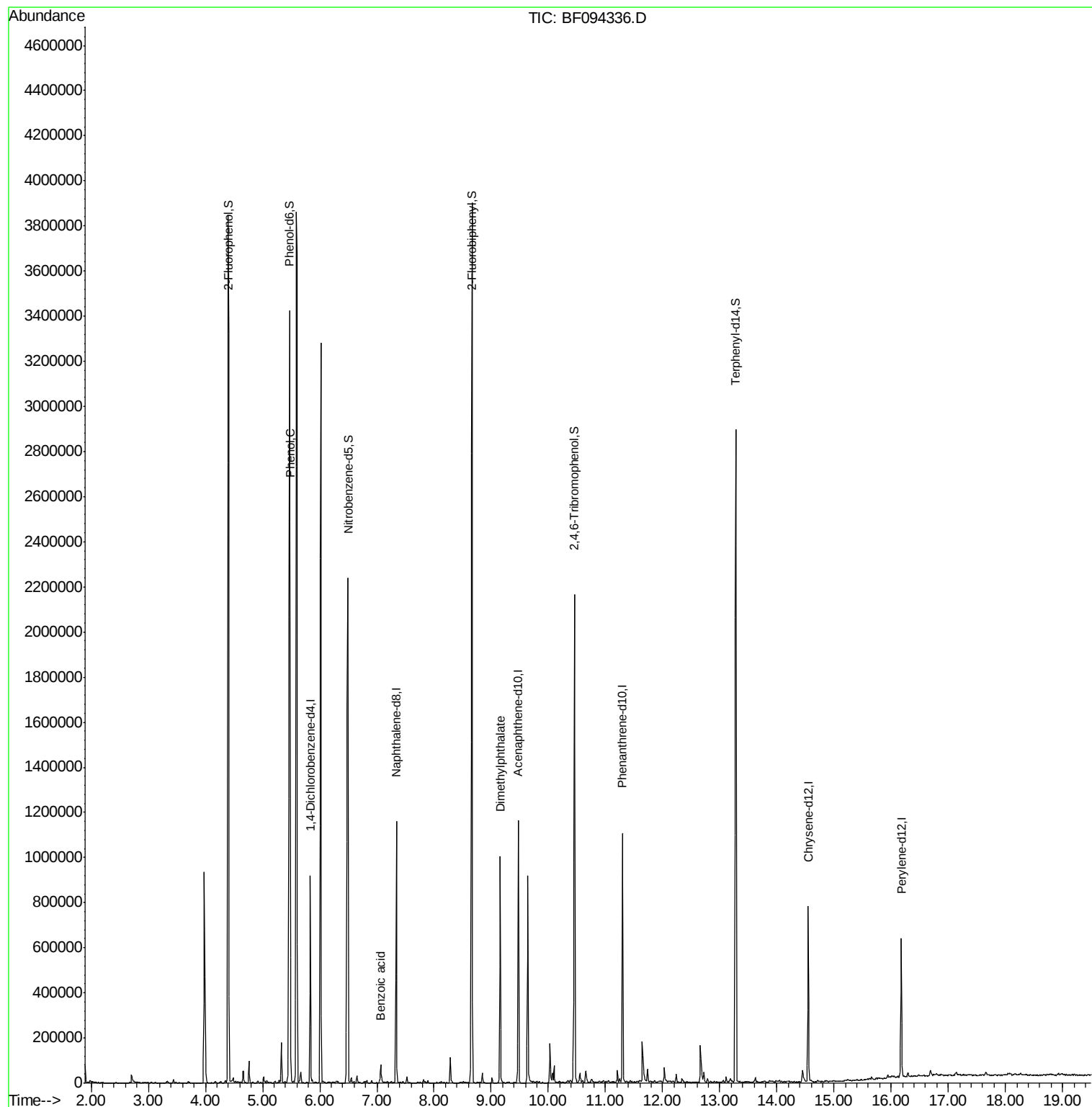
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	152183	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	600891	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	263422	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	426777	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	292629	20.00	ng	-0.02
86) Perylene-d12	16.17	264	249735	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1281288	142.20	ng	0.01
7) Phenol-d6	5.47	99	1644010	147.49	ng	0.01
23) Nitrobenzene-d5	6.49	82	1027229	97.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	300232	144.23	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1539729	89.15	ng	-0.02
78) Terphenyl-d14	13.28	244	1072585	82.16	ng	-0.02
Target Compounds						
10) Phenol	5.49	94	108523	8.56	ng	89
32) Benzoic acid	7.07	122	16732	2.95	ng	96
49) Dimethylphthalate	9.16	163	501191	26.77	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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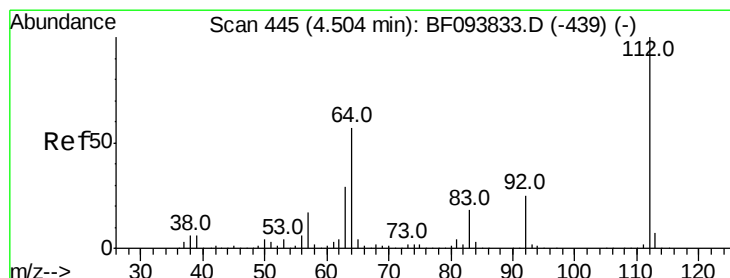
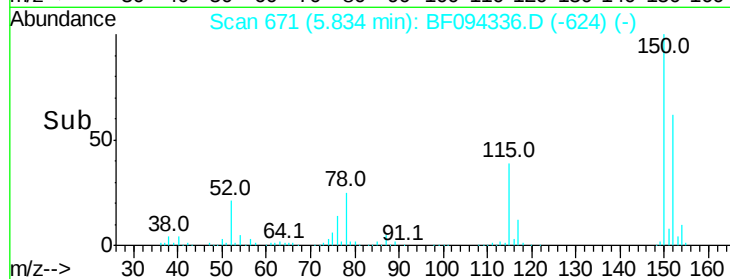
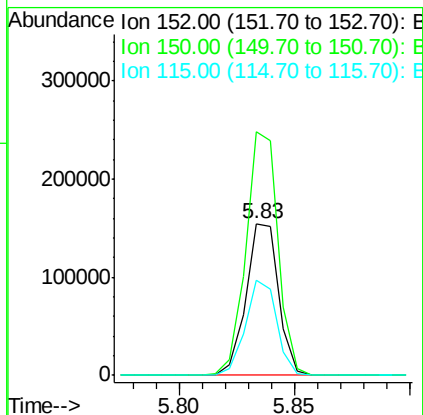
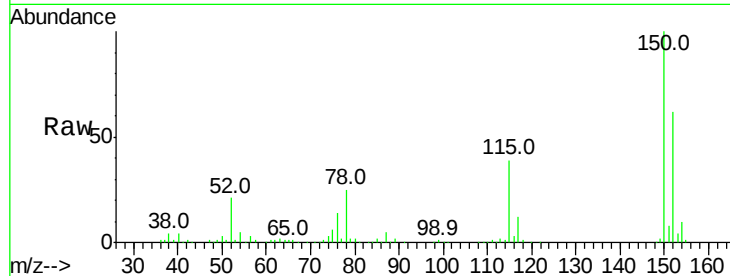


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.83 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF094336.D
 Acq: 11 Apr 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :
 B-61-S1(0-2)

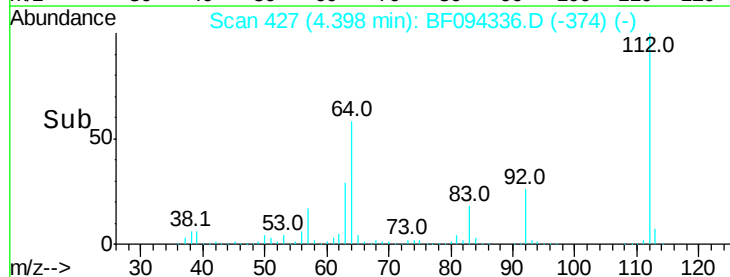
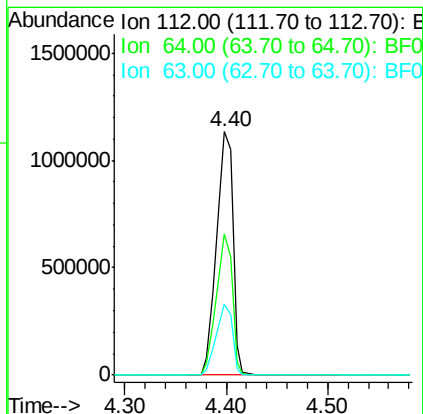
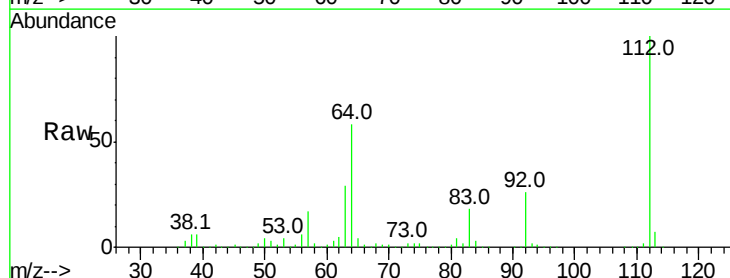
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	62.6	52.2	78.2

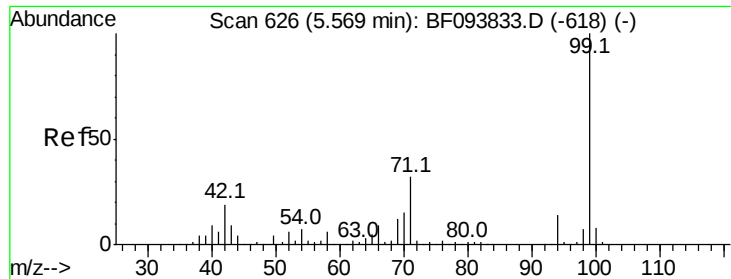


#5

2-Fluorophenol
 Concen: 142.20 ng
 RT: 4.40 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: BF094336.D
 Acq: 11 Apr 2017 4:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.0	69.0
63	29.1	23.4	35.0





#7

Phenol-d6

Concen: 147.49 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

Instrument :

BNA_F

ClientSampleId :

B-61-S1(0-2)

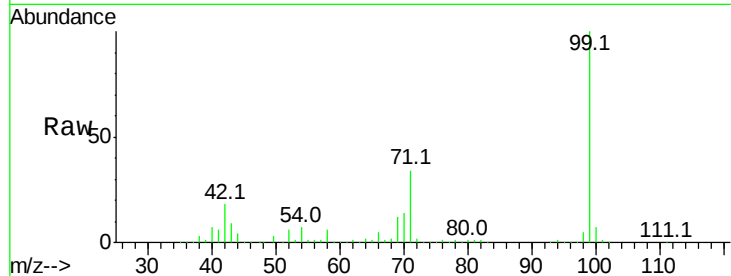
Tot Ion: 99 Resp: 1644010

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	34.1	24.5	36.7

99 100

42 17.9 13.5 20.3

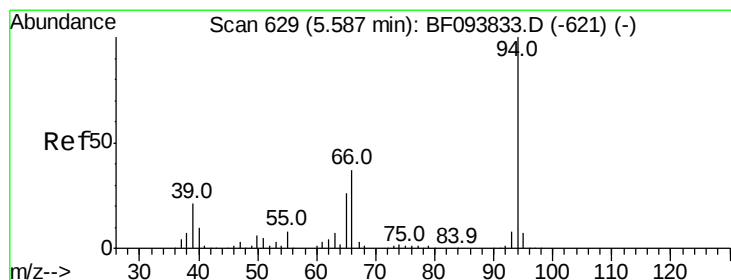
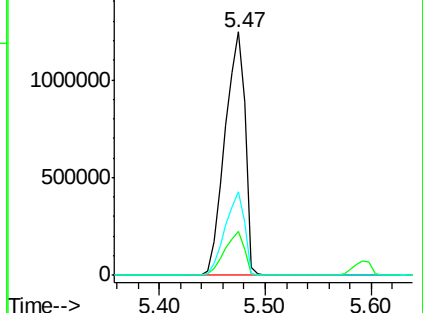
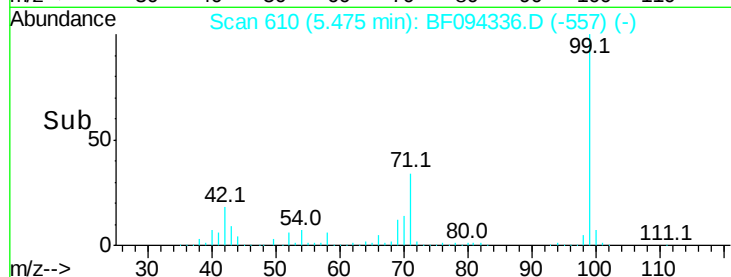
71 34.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 8.56 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

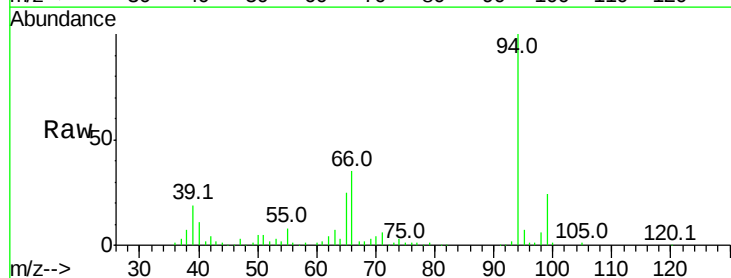
Tgt Ion: 94 Resp: 108523

Ion	Ratio	Lower	Upper
94	100		
65	25.4	9.9	49.9
66	34.6	23.1	63.1

94 100

65 25.4 9.9 49.9

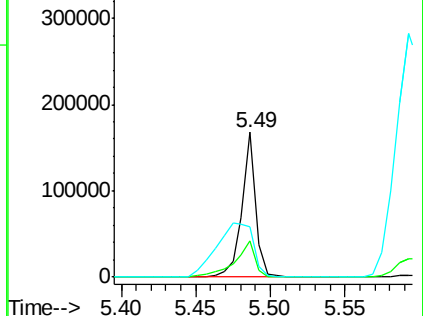
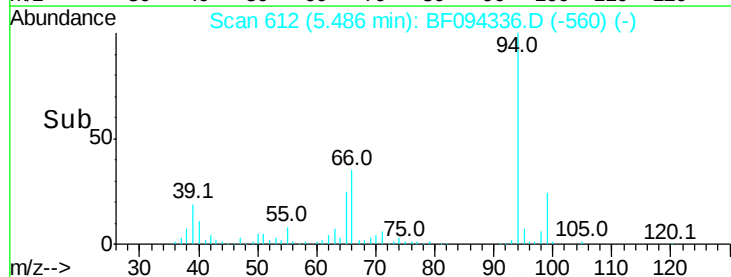
66 34.6 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

Instrument :

BNA_F

ClientSampleId :

B-61-S1(0-2)

Tot Ion:136 Resp: 600891

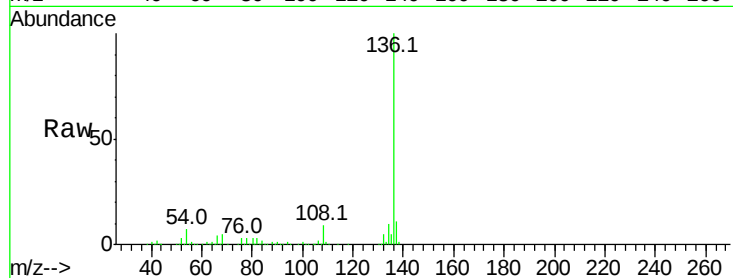
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3#

68 5.5 4.1 6.1

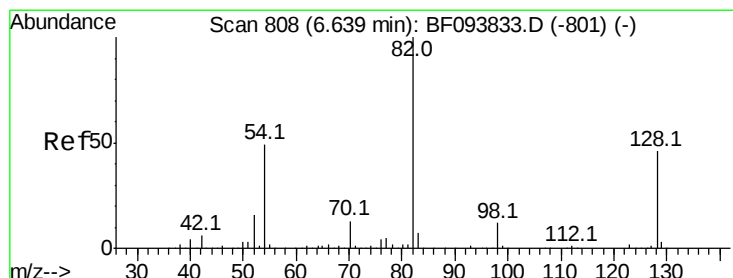
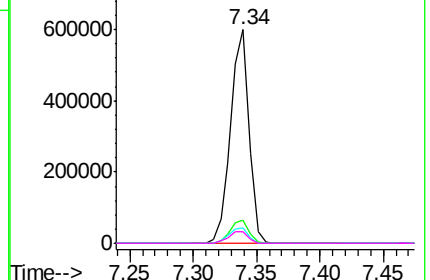
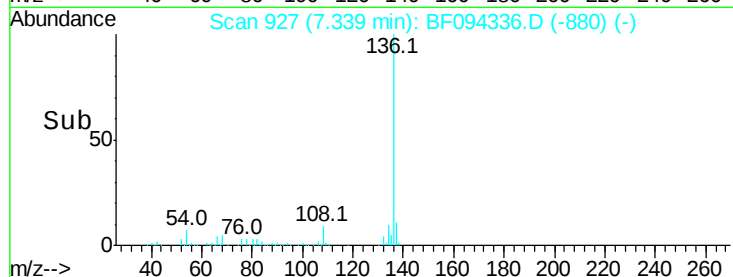


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 97.56 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

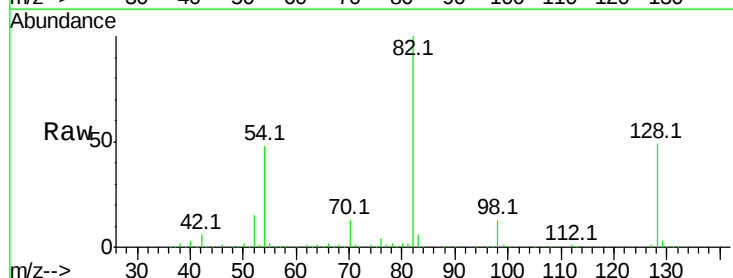
Tgt Ion: 82 Resp: 1027229

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

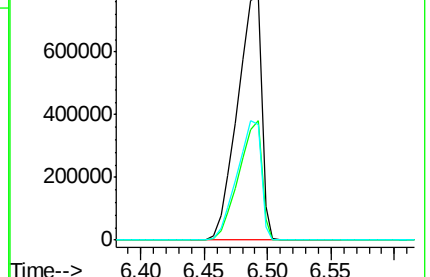
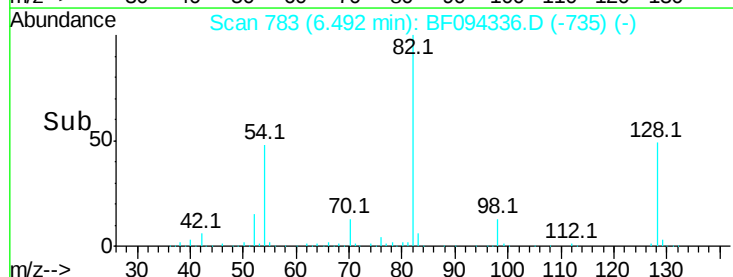
54 47.6 42.2 63.2

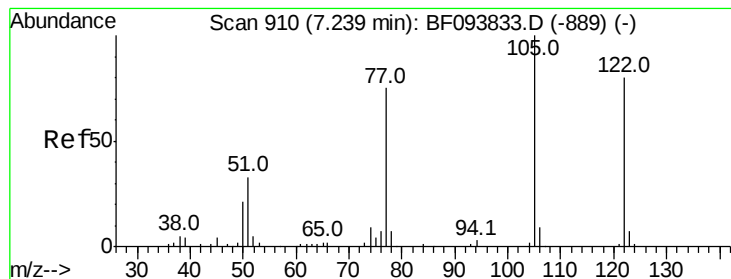


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 2.95 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.08 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

Instrument :

BNA_F

ClientSampleId :

B-61-S1(0-2)

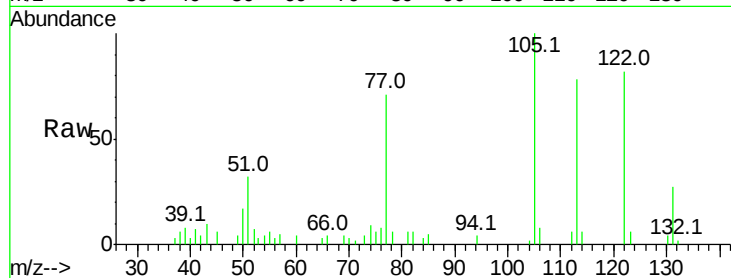
Tot Ion:122 Resp: 16732

Ion Ratio Lower Upper

122 100

105 122.0 103.3 143.3

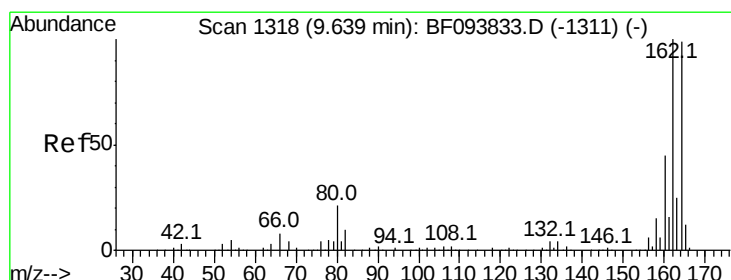
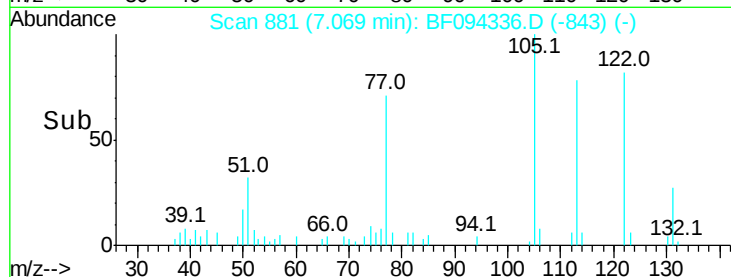
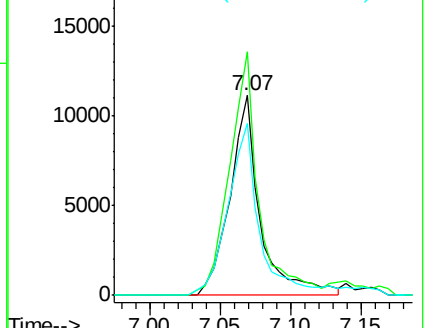
77 86.3 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.47 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

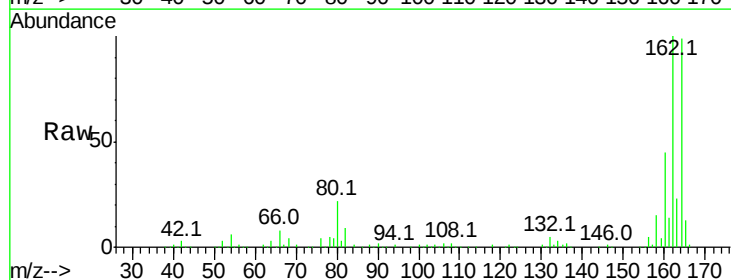
Tgt Ion:164 Resp: 263422

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

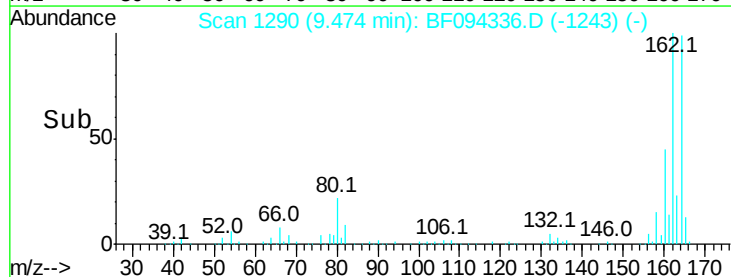
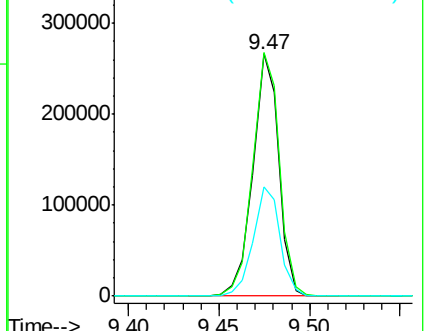
160 45.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

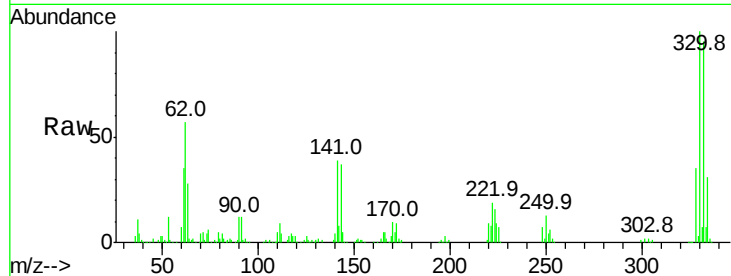




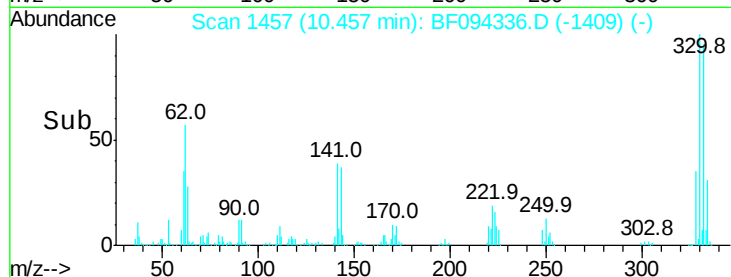
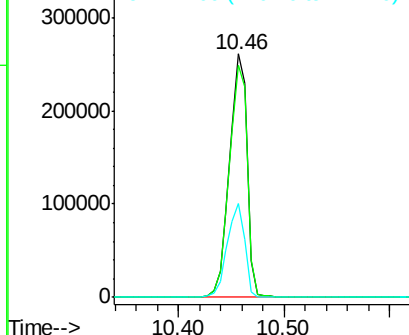
#41
 2,4,6-Tribromophenol
 Concen: 144.23 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094336.D
 Acq: 11 Apr 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :
 B-61-S1(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	38.5	31.4	47.2

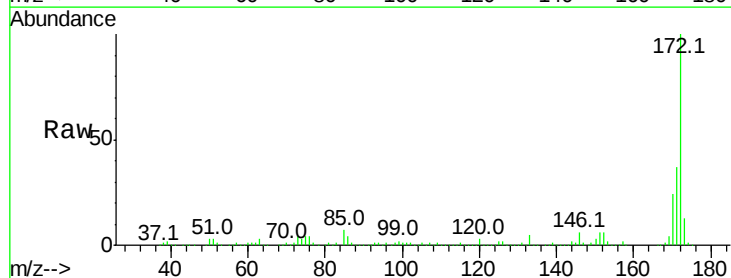


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

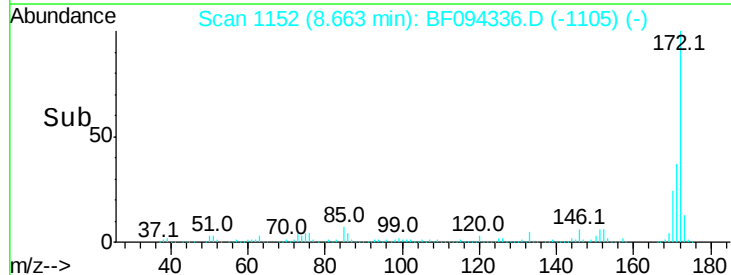
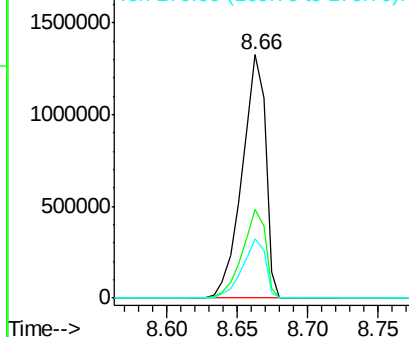


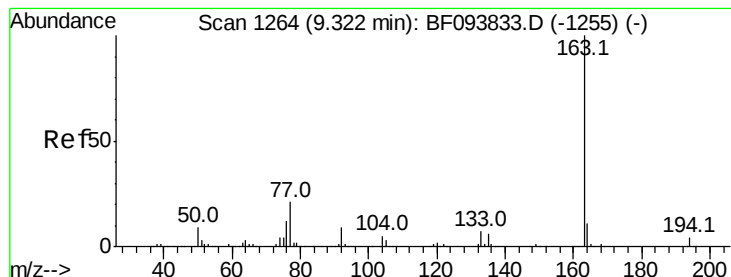
#44
 2-Fluorobiphenyl
 Concen: 89.15 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094336.D
 Acq: 11 Apr 2017 4:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.2	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 26.77 ng

RT: 9.16 min Scan# 1237

Delta R.T. -0.03 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

Instrument :

BNA_F

ClientSampleId :

B-61-S1(0-2)

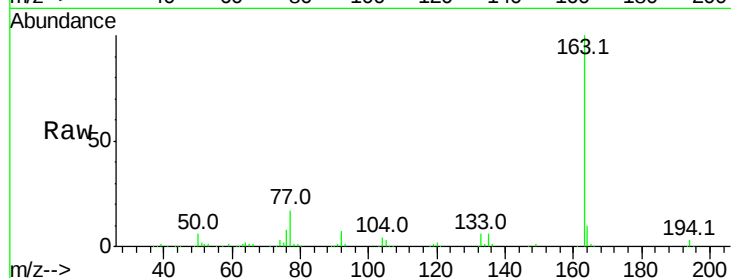
Tot Ion:163 Resp: 501191

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

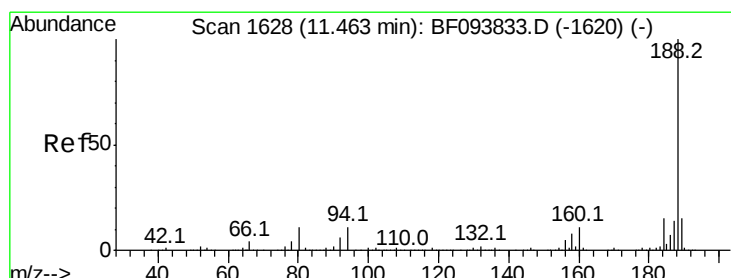
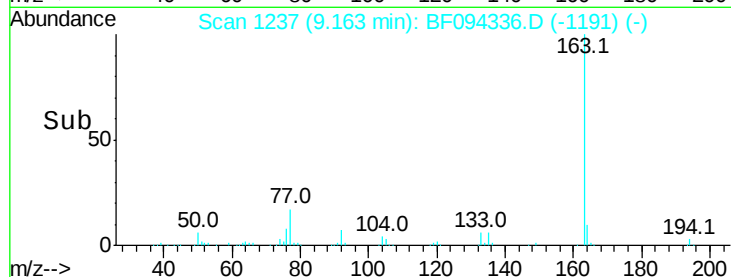
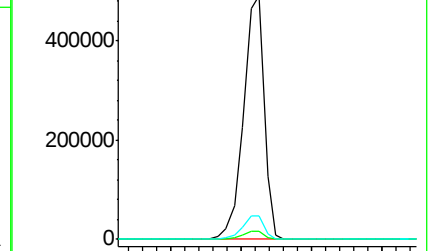
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 1600

Delta R.T. -0.02 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

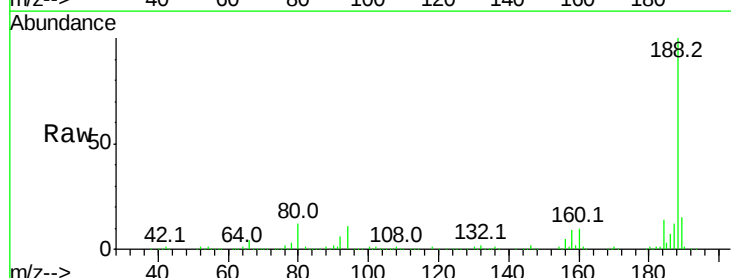
Tgt Ion:188 Resp: 426777

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

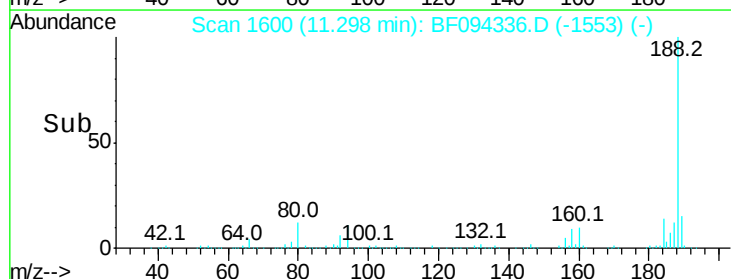
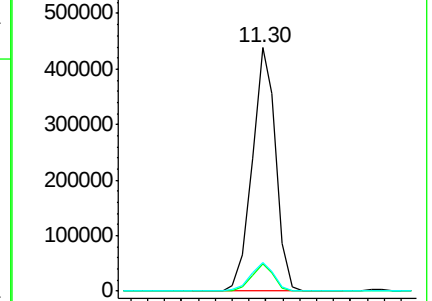
80 11.8 10.2 15.2

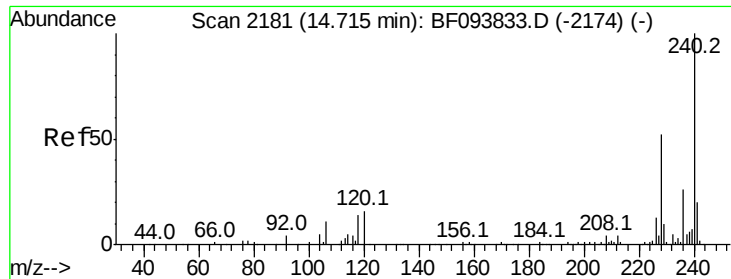


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

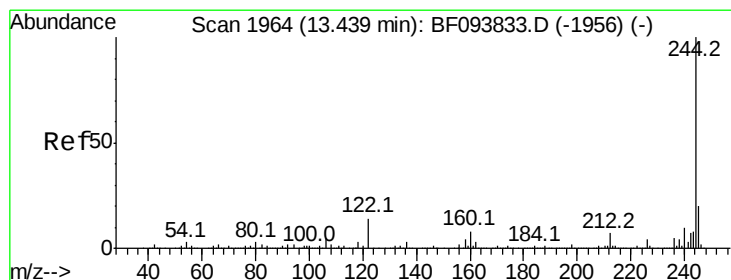
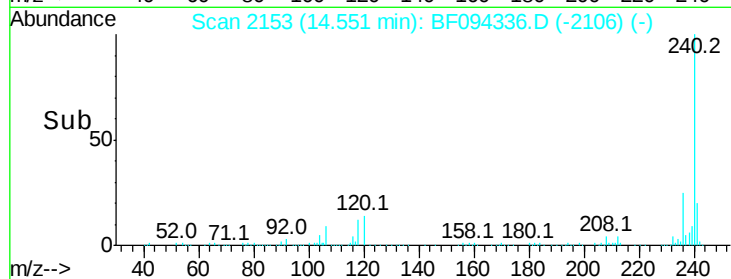
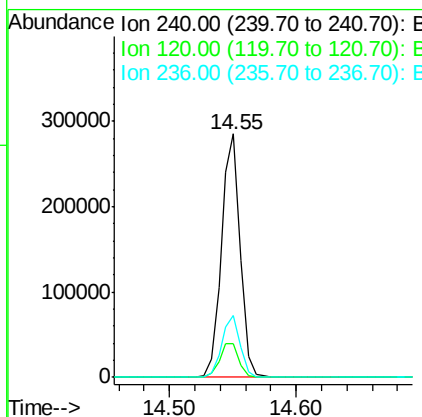
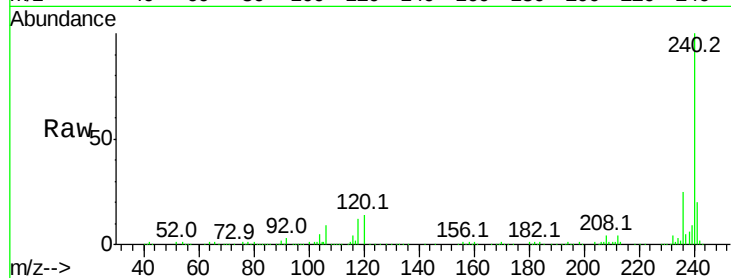




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BF094336.D
 Acq: 11 Apr 2017 4:06

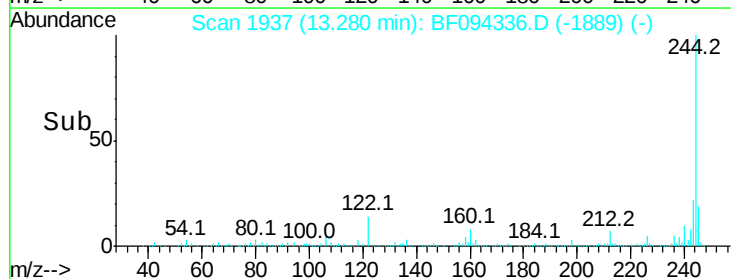
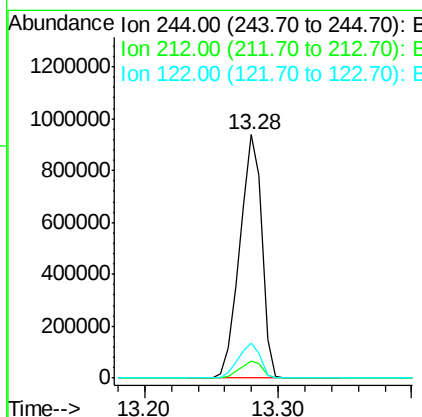
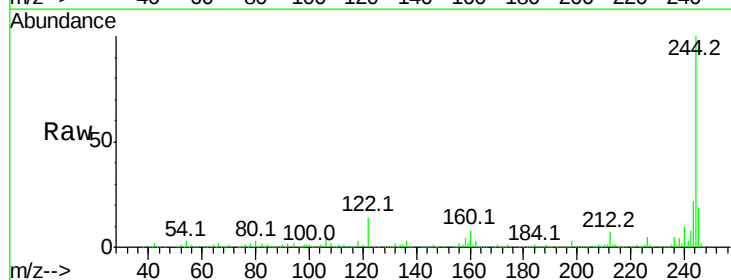
Instrument :
 BNA_F
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 B-61-S1(0-2)

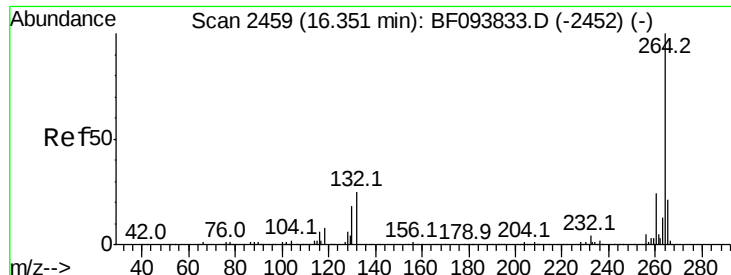
Tot Ion:240 Resp: 292629
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 25.4 20.5 30.7



#78
 Terphenyl-d14
 Concen: 82.16 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094336.D
 Acq: 11 Apr 2017 4:06

Tgt Ion:244 Resp: 1072585
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.4 10.3 15.5

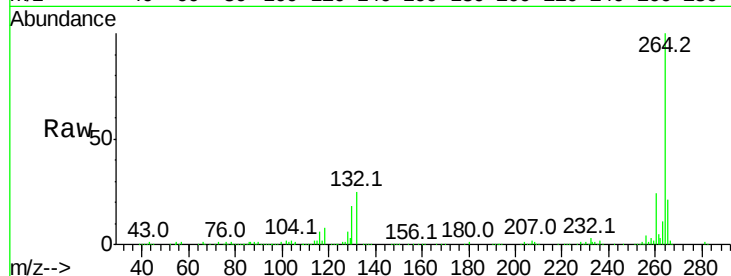




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BF094336.D
Acq: 11 Apr 2017 4:06

Instrument :
BNA_F
ClientSampleId :
B-61-S1(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.3	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

